

WHAT IS CLAIMED IS:

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1. An electrochemical sensor for analytic determination using a liquid sample, comprising a substantially flat strip having at least two lateral edges, a sample-receiving cell within the strip, at least two electrodes in communication with the cell, and a notch in at least one of the lateral edges, wherein the notch is in communication with the cell and allows entry of the liquid sample into the cell.
2. The sensor of Claim 1, further comprising a vent in communication with the cell, the vent being adapted to allow air to escape the cell to facilitate entry into the cell by the liquid sample.
- 10 3. The sensor of Claim 1, wherein the entry of the liquid sample into the cell occurs via capillary action.
4. The sensor of Claim 1, wherein the sample-receiving cell comprises at least one reagent.
- 15 5. The sensor of Claim 4, wherein the reagent comprises a catalyst, a redox reagent, or a surfactant.
6. The sensor of Claim 4, wherein the reagent comprises an enzyme.
7. The sensor of Claim 4, wherein the reagent comprises a glucose oxidase.
- 20 8. The sensor of Claim 4, wherein the reagent comprises ferricyanide.